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Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

MAY - 7 2001

FEDERAL COMMUNICATIONS COMMUNICATION
ON THE SECRETURY

In the Matter of)
)
Amendment of Section 73.622(b),) RM
Digital Television Table of Allotments,)
(Hartford, Connecticut))

To: Chief, Video Services Division, Mass Media Bureau

SUPPLEMENT TO PETITION FOR RULEMAKING

Fox Television Stations, Inc. ("Fox") hereby supplements its above-captioned Petition for Rulemaking to amend the DTV Table of Allotments, filed October 16, 2000 ("Petition"), by substituting the attached Revised Engineering Statement, which is appended hereto as Attachment A, for the Engineering Statement originally submitted with the Petition. In its Petition, Fox proposes (1) the allotment of DTV channel 31 to Station WTIC-TV, Hartford, Connecticut in lieu of DTV channel 5 and (2) the collocation of WEDH-DT (DTV channel 32, Hartford, Connecticut) with WTIC-DT.¹ The Revised Engineering Statement reduces the proposed

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List A B C D E

Tribune Television Company, licensee of WTIC-DT, Hartford, Connecticut, and Connecticut Public Broadcasting, Inc., licensee of WEDH-DT, Hartford, Connecticut, support the proposed substitution of DTV channel 31 for channel 5 in Hartford and the collocation of WTIC-DT and WEDH-DT. See Letter dated October 18, 2000, from Thomas P. Van Wazer to Barbara Kreisman; Letter dated March 1, 2001, from Jerry Franklin, President and (continued...)

effective radiated power (ERP) of WTIC-DT, channel 31, Hartford, from the originally proposed 600kW to 500kW to eliminate interference in excess of the *de minimis* standards to Station WVIT(TV), NTSC channel 30, New Britain, Connecticut, for which a waiver of the Commission's rules originally had been requested. All other engineering parameters for operation of WTIC-DT, channel 31, Hartford, remain unchanged from the original proposal.

As demonstrated in the Revised Engineering Statement, grant of Fox's Petition will result in a significant net gain in the number of persons who will be able to receive interference-free television service in the congested northeastern United States. Specifically, the Revised Engineering Statement demonstrates that if Tribune operates on DTV channel 5 in Hartford, such operation would interfere with the television coverage to 1,112,403 people. DTV operation on channel 5 in Hartford will cause interference to 1,017,458 people potentially capable of receiving NTSC coverage, and to 94,945 people potentially capable of receiving DTV coverage. Thus, if DTV channel 5 is removed from the DTV Table in Hartford, over 1.1 million additional people will receive interference-free television coverage.

_

^{(...}continued)

CEO, Connecticut Public Television & Radio, to Magalie Roman Salas, Secretary, FCC. (Copies of these letters are included as Attachment B.)

Assuming that WEDH-DT (DTV channel 32 in Hartford) is collocated with WTIC-DT (DTV channel 31 in Hartford),² Fox's supplemented proposal would subject only 344,557 people to interference. Specifically, only 269,343 people would receive interference to NTSC service, and only 75,214 people would receive interference to DTV service. Thus, allotting DTV channel 31 in Hartford in place of channel 5 would result in a net increase of 767,846 people who would receive television coverage. More precisely, if Tribune operates on DTV channel 31 using a directional antenna with an ERP of 500kW, 748,115 additional people would receive NTSC coverage, and 19,731 additional people would receive DTV coverage, than if Tribune operated on DTV channel 5.

The supplemented proposal further serves the public interest because DTV channel 31 will replicate a greater portion of WTIC-TV's NTSC service area than DTV channel 5. As allocated, DTV channel 5 will replicate only 86.5% of the WTIC-TV NTSC service area. By operating on DTV channel 31 in Hartford using a directional antenna and by increasing the station's ERP to 500kW, Tribune will be able to provide DTV service to over 22,706 square kilometers, replicating 88.9% of WTIC-TV's NTSC service area.

The effect of relocating WEDH-DT (DTV channel 32 in Hartford) is discussed in Appendix A to the Revised Engineering Statement.

The Revised Engineering Statement demonstrates that the proposed DTV channel substitution will serve the public interest by achieving both a reduction in harmful interference to over 1.1 million people as well as a net increase in television coverage to more than 760,000 people in the northeastern United States. As required by section 73.623(c)(2) of the Commission's rules, 47 C.F.R. § 73.623(c)(2), with the exception of Fox's owned-and-operated station WFXT-DT, Boston, Massachusetts, the instant proposal will not result in more than a 2% increase in new interference to the population served by any other DTV station, DTV allotment, or analog television broadcast station.

In the case of WFXT-DT, the supplemented proposal will cause over 2.18% new interference to the station's DTV allotment. Station WFXT-DT, however, has a pending application to maximize its digital facilities. See File No. BPCDT-19990526KH. As demonstrated in the Revised Engineering Statement, the proposed substitution of DTV channel 31 at Hartford does not result in more than a 2% increase in new interference to the population that would be served by WFXT-DT's maximized facilities. In any event, pursuant to section 73.623(g) of the Commission's rules, 47 C.F.R. § 73.624(g), Fox agrees to accept the additional

interference caused to WFXT-DT's allotted facilities by the proposed substitution of DTV channel 31 for DTV channel 5 in Hartford.³

Finally, the proposed substitution neither will cause any station to receive interference in excess of 10% of its population, nor will it result in interference to any station that already receives interference to 10% or more of its covered population. See 47 C.F.R. § 73.623(c)(2). Specifically the supplemented proposal will not cause new interference to Station WVIT(TV), New Britain, Connecticut. Fox thus is no longer requesting waiver of Section 73.623(c)(2) of the Commission's rules, 47 C.F.R. § 73.623(c)(2). The substitution of DTV channel 31 at Hartford also will comply with the principal community coverage requirements of sections 73.625(a) and 73.623(c)(1) of the Commission's rules, 47 C.F.R. §§ 73.625(a), 73.623(c)(1).

See Letter dated May 7, 2001, from Molly Pauker, Vice President Corporate and Legal Affairs, Fox Television Stations, Inc. to Magalie Roman Salas, Secretary, FCC, included as Attachment C.

Accordingly, Fox respectfully requests that the Commission grant Fox's Petition, as supplemented herein, and initiate a rulemaking to amend the DTV Table of Allotments by allotting DTV channel 31 at Hartford, Connecticut in lieu of

Respectfully submitted,

FOX TELEVISION STATIONS, INC.

John C. Quale

Linda G. Morrison

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Its Attorneys

Dated: May 7, 2001

DTV channel 5.

CERTIFICATE OF SERVICE

I, Katherine M. Kline, hereby certify that on this 7th day of May, 2001, a copy of the preceding Supplement to Petition for Rulemaking of Fox Television Stations, Inc. was served by first class mail on the following:

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Katherine M. Kline

ATTACHMENT A REVISED ENGINEERING STATEMENT

Engineering Showing in Support of Channel Change of WTIC-DT in Hartford, CT

In the FCC Table of Allotments for DTV, WTIC in Hartford, CT was assigned channel 5 at an ERP of 1 kW. This exhibit demonstrates that the following changes to both WTIC-DT and to WEDH-DT, DTV channel 32 in Hartford, CT:

WTIC-DT:	Channel 5	\rightarrow	Channel 31
	1 kW ERP	\rightarrow	500 kW ERP
	618.5 meters COR	\rightarrow	591 meters COR
	520 meters HAAT	\rightarrow	492 meters HAAT
	Allotted Antenna Pattern	\rightarrow	See Figure 1
MARKET DE	440 401 0ml N		440 40/ 40/ NI
WEDH-DT:	41° 46' 27" N	\rightarrow	41° 42′ 13″ N
	72° 48' 20" W	\rightarrow	72° 49' 57" W
	359 meters COR	\rightarrow	591 meters COR
	272 meters HAAT	\rightarrow	492 meters HAAT
	Allotted Antenna Pattern	\rightarrow	See Figure 1

will conform to FCC Regulations.

Methodology

All studies that follow were performed using the FCC Longley-Rice propagation software. The column labeled "Baseline" represents the BASELINE value as described in the DTV Processing Guidelines. The column labeled "New IX" represents the new population affected by the change, while "(%) IX" represents this value as a percentage of the baseline.

The columns labeled "DTVSERV" and "PERCENTLOSS" are the same as those described in the DTV Processing Guidelines.

Analysis

First a study was run to determine the effect of removing channel 5 from the Hartford area. The following table shows the results of such an analysis. The interference values are negative as they represent interference that would no longer be present. A total of 1,112,403 people who would have been interfered with, would now receive valid coverage.

Call	Ch St	City	Baseline	New IX	(%)IX
WBNE-DT	6A CI	NEW HAVEN	4,424,000	-94,945	-2.15
WTTG	5N DC	WASHINGTON	6,843,035	0	0.00
WCVB	5N M2	BOSTON	7,002,983	-121,534	-1.74
WLNE	6n ma	NEW BEDFORD	5,486,662	0	0.00
WABI	5N ME	BANGOR	491,741	0	0.00
WCSH	6N ME	PORTLAND	1,580,484	0	0.00
WYYW	5N NY	NEW YORK	18,666,308	-895,924	-4.80
WPTZ	5N NY	NORTH POLE	542,050	0	0.00
WRGB	6N N	SCHENECTADY	1,684,738	0	0.00
WTVH	5N NY	SYRACUSE	1,544,574	0	0.00
WPVI	6N PA	PHILADELPHIA	9,564,387	0	0.00

Total New Interference: -1,112,403

Next, a study was preformed to determine the effect of introducing WTIC-DT on channel 31 in the Hartford area. The following table depicts new interference as a result of WTIC-DT moving to channel 31. This study assumes that the DTV facilities of WEDH-DT channel 32 in Hartford are moved to the same site as WTIC-DT (See Appendix A). A total of 344,557 new people would be interfered with in this case. This represents approximately one third of the total population lost to interference with WTIC-DT operating on channel 5.

Call	Ch S	t City	Baseline	New IX	%IX	DTVSERV	PERCENTLOSS
WEDH	24N C	T HARTFORD	3,009,464	0	0.0		11.0
WEDH-DT	32A C	T HARTFORD	3,207,174	0	0.0	112.4	
WVIT	30N C	T NEW BRITAIN	4,345,134	1,854	0.0		13.2
WTGI-DT	31A D	E WILMINGTON	5,337,416	0	0.0	100.0	
WBZ-DT	30A M	A BOSTON	6,716,000	13	0.0	99.6	
WFXT-DT	31A M	A BOSTON	6,228,918	74,538	1.4	101.7	
WSBK	38N M	A BOSTON	6,316,042	0	0.0		3.9
WABU-DT	32A M	A BOSTON	4,583,000	0	0.0	92.1	
WLWC	28N M	A NEW BEDFORD	4,113,685	0	0.0		0.1
WUNI	27N M	A WORCESTER	6,770,869	0	0.0		0.0
WWLA	35N M	E LEWISTON	483,179	0	0.0		1.1
WNJS	23N N	J CAMDEN	6,120,065	0	0.0		4.0
WXXA	23N N	Y ALBANY	1,343,837	0	0.0		0.9
WMGC	34N N	Y BINGHAMTON	704,486	0	0.0		0.1
NEW	34N N	Y LAKE PLACID	28,646	0	0.0		0.0
WPXN	31N N	Y NEW YORK	16,860,777	258,967	1.5		3.5
WPXN-DT		Y NEW YORK	16,434,000	0	0.0	98.6	
WUHF	31N N	Y ROCHESTER	1,023,129	0	0.0		0.0
THMW	17N N	Y SCHENECTADY		0	0.0		0.7
WCNY		Y SYRACUSE	1,379,573	0	0.0		0.6
WFXV		Y UTICA	775,089	0	0.0		7.0
WLVT		A ALLENTOWN	2,858,785	0	0.0		11.9
WPHL		A PHILADELPH	7,209,334	0	0.0		0.4
WTXF		A PHILADELPH	7,937,531	0	0.0		10.0
WYBE		A PHILADELPH	5,733,637	0	0.0		1.6
WNEP		A SCRANTON	1,934,667	0	0.0		0.5
WOLF		A SCRANTON	1,141,754	0	0.0		3.2
WOLF-DT		A SCRANTON	854,719	663	0.1	99.9	
WBRE		A WILKES-BARRI	, ,	0	0.0		9.6
WETK		r Burlington	527,294	0	0.0		0.3
WNNE		r hartford	656,529	8,522	1.3		3.6
WVER	28N V	r RUTLAND	359,274	0	0.0		0.0

Total New Interference: 344,557

In all cases above, the new interference represents less than 2% of the total served population, thus the 2% de minimis rule is satisfied. In all cases of DTV interference, the DTVSERVICE is never below 90%, thus the 10% de minimis rule for DTV interference is satisfied. In all cases, the PERCENTLOSS is less than 10% thus the 10% de minimis rule for NTSC interference is satisfied.

Note:

The 1.4% new interference done into WFXT-DT, DTV channel 31 in Boston, MA assumes the station there is operating at a maximized ERP of 1000kW. When WFXT-DT operates at their allotted ERP of 67.5kW, 131,752 people or 2.18% of the population will experience new interference as a result of this proposed channel change.

Conclusion

The above demonstrate that this proposal is consistent with FCC policy of maximization of DTV Service Area. In addition, such a channel change would reduce the total population lost to interference from 1,112,403 to 344,557. This proposal thus represents significant improvement in both DTV and NTSC service in the Hartford area.

Appendix A

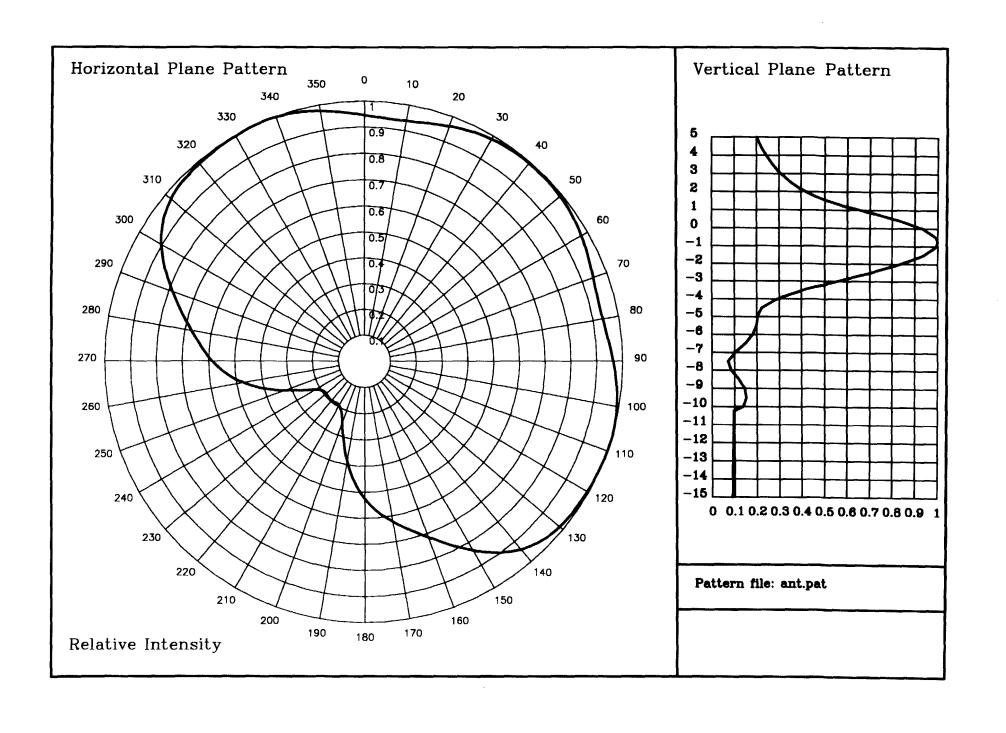
Relocation of DTV 32 in Hartford, CT

A study was done to determine the effect of relocating DTV channel 32 in Hartford, CT. The collocation of WEDH-DT (DTV channel 32 in Hartford, CT) with WTIC-DT (DTV channel 31 in Hartford, CT) would result in the following changes to WEDH-DT:

The following stations were identified as potential recipients of new interference resulting from the relocation of DTV channel 32:

Call	City	Туре	Ch	Mech	Dist
WFSB-DT	Hartford, CT	DTV	33	N-1	8.2 km
WHCT	Hartford, CT	NTSC	18	N+14	8.3 km
WVIT	New Britain, CT	NTSC	30	N+2	0.3 km
MMMHW	Washington, DC	NTSC	32	N	472.6 km
WFXT	Boston, MA	NTSC	25	N+7	148.9 km
WFXT-DT	Boston, MA	DTV	31	N+1	148.9 km
WABU-DT	Boston, MA	DTV	32	N	161.1 km
WLWC	New Bedford, MA	NTSC	28	N+4	158.0 km
WGGB	Springfield, MA	NTSC	40	N-8	61.6 km
WWLA	Lewiston, ME	NTSC	35	N-3	314.0 km
WNBU-DT	Concord, NH	DTV	33	N-1	205.9 km
WMGC	Binghamton, NY	NTSC	34	N-2	260.3 km
WICZ	Binghamton, NY	NTSC	40	N-8	260.3 km
NEW	Lake Placid, NY	NTSC	34	N-2	299.9 km
WPIX-DT	New York, NY	DTV	33	N-1	147.9 km
WNYE	New York, NY	NTSC	25	N+7	143.3 km
WPXN	New York, NY	NTSC	31	N+1	147.9 km
THMW	Schenectady, NY	NTSC	17	N+15	141.4 km
WCNY	Syracuse, NY	NTSC	24	N+8	296.1 km
WFXV	Utica, NY	NTSC	33	N-1	260.5 km
WLVT	Allentown, PA	NTSC	39	N-7	251.7 km
WPHL	Philadelphia, PA	NTSC	17	N+15	273.8 km
WTXF	Philadelphia, PA	NTSC	29	N+3	273.8 km
WYBE	Philadelphia, PA	NTSC	35	N-3	273.8 km
WPSG-DT	Philadelphia, PA	DTV	32	N	273.8 km
WSWB-DT	Scranton, PA	DTV	32	N	242.2 km
WBRE	Wilkes-Barre, PA	NTSC	28	N+4	259.2 km
WSBE	Providence, RI	NTSC	36	N-4	113.2 km
WETK	Burlington, VT	NTSC	33	N-1	313.4 km
WETK-DT	Burlington, VT	DTV	32	N	313.4 km
WNNE	Hartford, VT	NTSC	31	N+1	195.7 km
WVER	Rutland, VT	NTSC	28	N+4	218.3 km

None of the above stations experience new interference resulting from the changes in facilities of WEDH-DT.



WTIC-DT Tabulated data for proposed antenna pattern

ATTACHMENT B

Letters from WTIC-DT and WEDH-DT in Support of Petition

SIDLEY & AUSTIN

A PARTNERSHIP INCLUDING PROFESSIONAL CORPORATIONS

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October 18, 2000

VIA MESSENGER

Ms. Barbara Kreisman Federal Communications Commission Video Services Division 445 12th Street, S.W. Room 2-A666 Washington, DC 20554

Re:

Tribune Television Corporation

Licensee of WTIC-TV-DT, Hartford, Connecticut

Dear Ms. Kreisman:

Tribune Television Corporation ("Tribune Television"), licensee of WTIC-TV-DT, Hartford, Connecticut, by its undersigned attorneys, hereby confirms its support for a change in WTIC's DTV channel assignment from 5 to 31. This letter has been prepared to accompany a Petition for Rulemaking to be filed by Fox Television Stations, Inc. ("Fox") seeking to change WTIC's DTV assignment from 5 to 31.

Tribune Television stands ready to build out WTIC's DTV assignment as soon as the Commission acts on the above-referenced Fox Rulemaking Petition. Accordingly, Tribune Television urges the Commission to act on Fox's Rulemaking Petition as expeditiously as possible.

> Sincerely, Thomas P. Van Wayes

R. Clark Wadlow

Thomas P. Van Wazer

Counsel for Tribune Television Corporation

LAW OFFICES

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March 2, 2001

Ms. Magalie Roman Salas, Secretary Federal Communications Commission The Portals, Room TW-A325 445 12th Street, S.W. Washington, D.C. 20554

> Re: Fox Television Stations, Inc. Petition for Rulemaking Filed October 20, 2000 Amendment of Section 73.622(b) <u>Digital Television Table of Allotments (Hartford, Connecticut)</u>

Dear Ms. Salas:

On behalf of Connecticut Public Broadcasting, Inc. (CPBI), licensee of Station WEDH-DT, Hartford, Connecticut, we file its statement of support for the above-referenced Petition filed by Fox Television Stations, Inc.

Please address any questions regarding this statement to the undersigned.

Respectfully submitted,

SCHWARTZ, WOODS & MILLER

SCS/mkm

cc: Nazifa Naim
John Wells King, Esq.
Linda G. Morrison, Esq.
Thomas P. Van Wazer, Esq.
Maureen O'Connell, Esq.
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March 1, 2001

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TelevisionWEDH TV24
Hartford

WEDW TV49 Fairfield County

WEDN TV53 Norwich

WEDY TV 65 New Haven

W128H TV12 Waterbury

Radio WPKT 90.5FM Hartford/New Haven

WNPR 89.1FM Norwith/New London

WEDW 88.5FM Stamford/Greenwich

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Ms. Magalie Roman Salas, Secretary Federal Communications Commission The Portals, Room TW-A325 445 12th Street, S.W. Washington DC 20554

Fox Television Stations, Inc. Petition for Rulemaking Amendment of Section 73.622(b)

<u>Digital Television Table of Allotments (Hartford, CT)</u>

Dear Ms. Salas:

Re:

Connecticut Public Broadcasting, Inc. (CPBI) is licensee of Station WEDH-DT, Hartford, Connecticut. The above-referenced Petition proposes substitution of DTV Channel 31 for Channel 5 in Hartford, and also proposes colocation of Station WEDH-DT (DTV Channel 32, Hartford, Connecticut) with Station WTIC-DT as necessary for that channel substitution.

The Fox Petition was filed with the support and prior approval of CPBI. CPBI plans to file comments in favor of the proposal when a Notice of Proposed Rulemaking is issued. Should the FCC make the channel change requested by Fox, we intend to amend our pending application for Station WEDH-DT to colocate with Station WTIC-DT.

Sincerely,

Jerry Franklin



ATTACHMENT C

Fox Consent to Interference to WFXT-DT Allotted Facilities

Ms. Magalie Roman Salas Secretary Federal Communications Commission 445 12th Street, S.W. Washington, D.C. 20554

Re: Fox Television Stations, Inc.

Petition for Rulemaking to Amend the DTV Table of Allotments

(Hartford, Connecticut)

Dear Ms. Salas:

Fox Television Stations, Inc. (Fox) is licensee of Station WFXT-DT, Boston, Massachusetts. The above-referenced Petition for Rulemaking proposes substitution of DTV channel 31 for DTV channel 5 in Hartford, Connecticut. This proposed substitution will cause greater than *de minimis* interference to WFXT-DT's allotted facilities, but less than *de minimis* interference to WFXT-DT's proposed maximized facilities (File No. BPCDT-19990526KH). Pursuant to section 73.623(g) of the Commission's rules, Fox agrees to accept the additional interference that would be caused to WFXT-DT's allotted facilities.

Respectfully submitted,

Molly Pauker Vice President

Corporate and Legal Affairs Fox Television Stations, Inc.